

Art Unit: 1631

## ALLOWANCE

### Allowed Claims

Claims 1-11, 13-21, and 23-30 are allowable. Claims 8, 9, 18, 19, 28, and 29, previously withdrawn from consideration as a result of a restriction requirement, are hereby rejoined, as they contain all the limitations of an allowable claim. Pursuant to the procedures set forth in MPEP § 821.04(a), **the restriction requirement for species A and B, as set forth in the Office action mailed on 24 March 2010, is hereby withdrawn** and claims 8, 9, 18, 19, 28, and 29 hereby rejoined and fully examined for patentability under 37 CFR 1.104. In view of the withdrawal of the restriction requirement, applicant(s) are advised that if any claim presented in a continuation or divisional application is anticipated by, or includes all the limitations of, a claim that is allowable in the present application, such claim may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application. Once the restriction requirement is withdrawn, the provisions of 35 U.S.C. 121 are no longer applicable. See *In re Ziegler*, 443 F.2d 1211, 1215, 170 USPQ 129, 131-32 (CCPA 1971). See also MPEP § 804.01.

Claims 12, 22, and 31 have been cancelled.

### Reasons for Allowance

The following is an examiner's statement of reasons for allowance: Claims 1-11, 13-21, and 23-30 are allowed for the reasons of record. Specifically, the prior art does not teach or fairly suggest the method, apparatus or computer-readable medium comprising a post-structural-change protein coordinate data selecting unit that conducts structural change in the coordinate

Art Unit: 1631

data of the protein while considering dynamic behavior, wherein the structural change is performed using an induced-fit parameter reflecting induced fit on the coordinate data of the protein, as is instantly claimed. Applicant's arguments set forth in the After Final submitted 23 May 2011 are persuasive.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Conclusion**

The outstanding claim rejections under 35 USC 101, non-statutory subject matter have been withdrawn in view of Applicant's arguments and claim amendments herein.

The outstanding claim rejections under 35 USC 112, 2<sup>nd</sup> paragraph have been withdrawn in view of Applicant's arguments and claim amendments herein.

The Drawings submitted 18 August 2006 have been accepted.

### **Inquiries**

Papers related to this application may be submitted to Technical Center 1600 by facsimile transmission. Papers should be faxed to Technical Center 1600 via the PTO Fax Center. The faxing of such papers must conform with the notices published in the Official Gazette, 1096 OG 30 (November 15, 1988), 1156 OG 61 (November 16, 1993), and 1157 OG 94 (December 28, 1993) (See 37 CFR § 1.6(d)). The Central Fax Center Number is (571) 273-8300.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lori A. Clow, Ph.D., whose telephone number is (571) 272-0715. The examiner can normally be reached on Monday-Friday from 10 am to 6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marjorie Moran can be reached on (571) 272-0720.

Art Unit: 1631

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to (571) 272-0547.

Patent applicants with problems or questions regarding electronic images that can be viewed in the Patent Application Information Retrieval system (PAIR) can now contact the USPTO's Patent Electronic Business Center (Patent EBC) for assistance. Representatives are available to answer your questions daily from 6 am to midnight (EST). The toll free number is (866) 217-9197. When calling please have your application serial or patent number, the type of document you are having an image problem with, the number of pages and the specific nature of the problem. The Patent Electronic Business Center will notify applicants of the resolution of the problem within 5-7 business days. Applicants can also check PAIR to confirm that the problem has been corrected. The USPTO's Patent Electronic Business Center is a complete service center supporting all patent business on the Internet. The USPTO's PAIR system provides Internet-based access to patent application status and history information. It also enables applicants to view the scanned images of their own application file folder(s) as well as general patent information available to the public.

June 3, 2011

/Lori A. Clow/

Primary Patent Examiner

Art Unit 1631